

# SEQUENCE LISTING

<110> Allen, Keith D.

<120> TRANSGENIC MICE CONTAINING  
POLYCYSTIN-RELATED GENE DISRUPTIONS

<130> R-325

<150> US 60/256,201

<151> 2000-12-13

<150> US 60/250,999

<151> 2000-12-04

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 2486

<212> DNA

<213> Mus musculus

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<212> PRT
<213> Mus musculus

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<400> 2

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Leu Leu Tyr Phe Ile Phe Leu Ile Asn Leu Cys Ile Leu Thr Phe Gly
35     40     45
Met Val Asn Pro His Met Tyr Tyr Leu Asn Lys Val Met Ser Ser Leu
50     55     60
Phe Val Asp Thr Ser Leu Pro Asp Asp Glu Arg Ser Ser Phe Arg Ser
65     70     75     80
Ile Arg Ser Ile Thr Glu Phe Trp Lys Phe Met Glu Gly Pro Leu Ile
85     90     95
Asp Gly Leu Tyr Trp Asp Ser Trp Tyr Gly Thr Lys Gln Leu Tyr Ser
100    105    110
Val Lys Asn Ser Ser Arg Ile Tyr Tyr Glu Asn Val Leu Leu Gly Ile
115    120    125
Pro Arg Val Arg Gln Leu Arg Val Arg Asn Asn Thr Cys Lys Val Tyr
130    135    140
Pro Ala Phe Gln Ser Leu Val Ser Asp Cys Tyr Ser Lys Tyr Thr Val
145    150    155    160
Glu Asn Glu Asp Phe Ser Asp Phe Gly Leu Lys Arg Asn Pro Glu Trp
165    170    175
Thr His Thr Pro Ser Ser Arg Thr Ala Pro Trp His Trp Gly Phe Val
180    185    190
Gly Val Tyr Arg Asp Gly Gly Tyr Ile Val Thr Leu Ser Lys Ser Lys
195    200    205
Ser Glu Thr Lys Ala Lys Phe Val Asp Leu Arg Leu Asn Asn Trp Ile
210    215    220
Ser Arg Gly Thr Arg Ala Val Phe Ile Asp Phe Ser Leu Tyr Asn Ala
225    230    235    240
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245    250    255
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260    265    270
Arg Tyr Val Ser Tyr Tyr Asp Tyr Phe Ile Ala Ser Cys Glu Val Ile
275    280    285
Phe Cys Ile Phe Leu Phe Val Phe Ile Ile Gln Glu Leu Arg Lys Val
290    295    300
Asn Glu Phe Lys Ser Ala Tyr Phe Arg Ser Val Trp Asn Trp Leu Glu
305    310    315    320
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325    330    335
Cys Asn Met Gln Ser Phe Leu Leu Leu Gly Gln Leu Leu Lys Asn Thr
340    345    350
Asp Ser Tyr Pro Asp Phe Tyr Phe Leu Ala Tyr Trp His Ile Tyr Tyr
355    360    365

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385					390					395					400
Ser	Arg	Cys	Met	Lys	Asp	Ile	Val	Gly	Phe	Ala	Ile	Met	Phe	Phe	Ile
				405					410					415	
Ile	Phe	Ser	Ala	Tyr	Ala	Gln	Leu	Gly	Phe	Leu	Val	Phe	Gly	Ser	Gln
			420					425					430		
Val	Asp	Asp	Phe	Ser	Thr	Phe	Gln	Asn	Ser	Ile	Phe	Ala	Gln	Phe	Arg
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Ile	Val	Leu	Gly	Asp	Phe	Asn	Phe	Ala	Gly	Ile	Gln	Gln	Ala	Asn	Trp
	450					455					460				
Ile	Leu	Gly	Pro	Ile	Tyr	Phe	Ile	Thr	Phe	Ile	Phe	Phe	Val	Phe	Phe
465					470					475					480
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				485						490				495	
Val	Lys	Ala	Asp	Tyr	Ser	Ile	Gly	Arg	Arg	Pro	Asp	Phe	Glu	Leu	Gly
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		515						520				525			
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	530					535					540				
Ala	Gln	Arg	Ala	Arg	Arg	Glu	Gly	Phe	Asp	Glu	Ser	Glu	Ile	Gln	Glu
545					550					555					560
Ala	Glu	Gln	Met	Lys	Arg	Trp	Lys	Glu	Arg	Leu	Glu	Lys	Lys	Tyr	Tyr
				565					570					575	
Ser	Thr	Glu	Ile	Gln	Asp	Asp	Tyr	Gln	Pro	Val	Thr	Gln	Gln	Glu	Phe
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Arg	Glu	Leu	Phe	Leu	Tyr	Ala	Val	Glu	Leu	Glu	Lys	Glu	Leu	His	Tyr
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